

# Online Tsunami Education Worksheet

This activity involves logging on to a California state government website  
And learning about where tsunamis can occur in California.

Log onto

<http://myhazards.calema.ca.gov/>

This is the California Emergency Management Agency's "My Hazards" website. It can be used to see where natural hazards exist in California.

For tsunami information, click on the tan-colored "Tsunami" tab.  
Read the section on "Tsunami Hazards."



What causes tsunamis?

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What areas in California would be most affected by a tsunami?

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Choose a city or beach that you would like to investigate. The area you choose should be somewhere along the coast of California.

Write the name of the area you are investigating: \_\_\_\_\_

At the top of the page, in the box located just above the tan-colored tabs, type in the name of the area you are investigating (*for example: Seal Beach*).

Click "Map Search"

The website will bring up all the hazard information for the area you have chosen. You will be on the earthquake hazard page.

Click on the "Tsunami" tab to get back to the tsunami information page for your area.

Depending on the area you are investigating, you will get a message that states whether or not you are in a tsunami hazard zone.

- If you see the message "You are outside a tsunami hazard zone," it indicates that you have chosen an area that is not within the hazard zone. For this assignment, go back to the location box and type in a different location.
- If the message is "Your location is in or near a tsunami hazard area," look at the map that is displayed on the right side of the page. Using the map tools at the top of the map you can zoom in, zoom out, and move across the map display. The approximate location of the area you entered will be displayed as a red target dot. Zoom in as close as you can to your target.

Look at the information just below the map,

- What does the blue line represent: \_\_\_\_\_
- What color is used to show the Tsunami Hazard Zone: \_\_\_\_\_

Read the section “Tsunami Hazard – YOUR LOCATION IS IN OR NEAR A TSUNAMI HAZARD AREA.”

List three tsunami warning signs:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Read the next section, “Tsunami Checklist - WHAT SHOULD I DO?”

From the list, pick three things that you think would be helpful if you lived in a tsunami hazard area:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

If you are planning a vacation to or near the coastline of California, what is something that you can do in advance to be aware of the potential for tsunamis?

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### Some of California’s tsunami information signs

The next time you visit the coast, look for blue and white signs similar to these

